

MARKET BULLETIN

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ACRE CURRICULUM TEACHES SKILLS TO DEVELOP AN AGRIBUSINESS

BY SCDA

The South Carolina Department of Agriculture's Agribusiness Center for Research and Entrepreneurship (ACRE), in partnership with Clemson Cooperative Extension, is now accepting applications for the fifth annual curriculum program for agribusiness innovators throughout South Carolina.

The curriculum is taught by Clemson agribusiness faculty and spans five two-hour virtual courses and an online Pitch Day. It offers an overview of business planning and management, including pre-planning, marketing, pricing, cost of production, profitability and financial statements. Participants will have the opportunity to pitch their business plan to a panel of judges for the chance to be awarded one of five \$5,000 grants.

"Our ACRE curriculum teaches the basics of how to run a business, but is tailored specifically to agribusinesses and taught by people who know food and farming," says Kyle Player, ACRE's executive director.

This is a free but competitive program — spots are limited. Applications are due Sept. 6 and can be found at acre-sc.com under Programs. Qualifying applicants must be South Carolina residents and have an agribusiness idea, product prototype or agribusiness. Priority is given to applicants from rural counties or agribusinesses that would positively impact rural counties.



Lightning Rock Land & Cattle

Individuals selected for the curriculum program must attend virtual class sessions on Sept. 27, Oct. 4, Oct. 11, Oct. 18, and Oct. 25, as well as the online pitch day on Nov. 15.

The agribusiness curriculum program is one of two annual programs offered by ACRE. The Advanced Program, for established agribusiness entrepreneurs, awarded seven South Carolina agribusinesses a share of \$150,000 of funding earlier this year.

Last year, three curriculum participants ended up later winning funding in the Advanced program: Ridgeland-based regenerative farm Whippoorwill Farms, Lowcountry florist Feast & Flora, and veteran-owned Lightning Rock Land and Cattle of Walterboro.

For more information, contact Kyle Player, ACRE Executive Director, 803-734-2324 or kplayer@scda.sc.gov; or Nathan Smith, Clemson Agribusiness Program Team Leader, 803-788-5700 or nathan5@clemson.edu.

AGRIBUSINESS CENTER FOR RESEARCH AND ENTREPRENEURSHIP (ACRE)

ACRE was created in 2017 with funding from SC General Assembly. Since then, the program has:

- Hosted agricultural workshops for 1,300 state residents ('18-'22)
- Provided intensive agribusiness training to 86 entrepreneurs
- Given grants totaling \$845,000 to 66 entrepreneurs
- Funded 24 major, industry-driven research projects
- Served people in every South Carolina county
- Received four USDA Rural Business Development Grants to extend our reach in rural South Carolina

[ACRE-SC.COM](https://acre-sc.com)

COMMISSIONER'S CORNER



HUGH E. WEATHERS

SOUTH CAROLINA
COMMISSIONER OF AGRICULTURE

MAKING CONNECTIONS

You wouldn't know it from the scorching heat and our August humidity, but fall is just around the corner. Corn harvesting has already begun, pushed up on the schedule by the hot, dry weather earlier in the summer. And my older granddaughters are heading back to school, as are students across the state of South Carolina.

We hear from farmers and others in the food business concerned that our non-farmer neighbors don't know where their food comes from. Many of our initiatives are designed to address that gap. One key effort is through Farm to School. South Carolina Farm to School is a collaborative partnership between our agency and the South Carolina Department of Education. Its goal is to increase the connections between communities, producers and fresh food by changing food purchasing and education practices at schools and early care and education settings. Obviously, we're trying to get to them at an early age.

We have lots of education resources available. If you're a teacher or administrator looking for ways to help students learn about food and farming, whether it's activities, readings or creating a school garden, visit scfarmtoschool.com and click "Classroom" and "Getting Started."

We also have resources for farmers looking to sell to or work with local schools.

In other news, the South Carolina Advocates for Agriculture recently named their Advocates of the Year for 2022.

I have the honor of serving as an advisor to the board of this nonprofit organization, which since 2005 has helped promote the state's agricultural products and agribusiness industry.

The organization has done some important work over the years, including a flood relief campaign for farmers called Plant It Forward SC; and Farmers to Food Banks, which used privately donated funds during COVID to buy food from South Carolina farmers and give it to food banks. All total, it has raised and disbursed nearly two million dollars.

Each year, Advocates for Agriculture names two Advocates of the Year to honor their service to the state's agriculture industry. This year, the board selected our own South Carolina Governor Henry McMaster and also Dr. Ron Prestage, owner and president of Prestage Farms. The 14th Advocates of the Year Recognition Reception was held Thursday, August 11 at the Phillips Market Center at the South Carolina State Farmers Market in West Columbia. I'm very grateful for the work these two gentlemen have done on behalf of South Carolina's farmers.

Hugh Weathers

UPCOMING EVENTS

Tomato Salsa Contest
August 20 • 8:30 – 11:30 am
Come and prove you've got the best salsa around at our first ever Salsa Contest at the Greenville State Farmers Market! Homemade salsa creators only; please no professional chefs or commercially sold salsas. No cost for entry, but we highly recommend purchasing your ingredients from our market. One entry per contestant. Contact Lia for information and to enter your best salsa recipe!
Greenville State Farmers Market
1354 Rutherford Road, Greenville
Contact: Lia Sanders
864-244-4023 • lsanders@scda.sc.gov
greenvillestatefarmersmarket.com
facebook.com/GVLMarket



Family Farm Day & Open House
August 27 • 9 am – 4 pm
This is a very special event, as we'll finally be introducing our friends with Guiding Reins! We're excited to be partnering with them to help provide Equine-assisted wellness. Our initial programs will be geared towards active military (including guard/reserve), veterans, first responders, and their immediate families. As always, we'll have lots of vendors and delicious food, too! Play with baby goats, pet horses, laugh at the donkeys, meet Leroy the pig, watch our livestock guardian dogs, see puppies, and meet the newest baby chicks & ducks. Free admission, parking \$5 per vehicle per day.
Fox Hideaway
1822 Saint Matthew Church Road, Eastover
803-567-3046
facebook.com/FoxHidawaySC



Vermiculture
August 27 • 10 am – 12 pm
In this class we will talk about why earthworms are so important to gardening; how to encourage them in the garden; and how to vermicompost at home. There will be a hands-on demonstration on how to build and maintain a vermicompost bin at home or in a classroom. This is a great class for home gardeners, educators, and curious learners of all ages. \$15.00
Moore Farms Botanical Garden
100 New Zion Road, Lake City
843-210-7582
moorefarmsbq.org/events/vermiculture
moorefarmsbq.org



Grape Stomp Festival
August 27 • 10 am – 6 pm
Food, drinks, vendors, grape stomping, new wine, new friends, and even fun for the kiddos too. The highlight of the Grape Stomping Festival is the Lucy Look-A-Like Contest, where "I Love Lucy" Fans will get their chance to don their best Lucy costume and reenact the famous 1956 episode of "I Love Lucy" when Lucy takes a job in a vineyard and stomps grapes.
Deep Water Vineyard
6775 Bears Bluff Road, Charleston
843-559-6867
deepwatervineyard.com



16th Annual Sandy Oaks Pro Rodeo
August 27 & 28 • 5:30 pm (Gates), 8 pm (Rodeo)
This annual family-friendly event offers saddle bronc, barrel racing, bull riding, cowgirl barrel racing, bareback bronc, steer wrestling, tie-down roping, and cowgirl breakaway roping.
Lazy J Arena
Hwy 23 West, Edgefield
803-637-5369
facebook.com/Sandy-Oaks-Pro-Rodeo-113709450430191



Eat The Weeds in The Upstate
August 27 • 9 am & 1 pm
August 28 • 10 am
Weekend pass includes choice of 3 different Green Deane walks. Sunday's walk will be in conjunction with Suzanne Shires, where we will forage wild edibles to later make into great tasting food! In addition, we will have vendors, herbal preparations for sale, and demonstrations about food preservation and storage.
Putney Farm
1624 Taylor Road, Honea Path
eattheweeds.com
eventbrite.com/e/eat-the-weeds-in-the-upstate-tickets-362563817137?aff=ebdssbdestsearch



Produce Safety Rule Grower Training
August 30 • 8:30 am – 5 pm
Fruit and vegetable growers and others interested in learning about produce safety, the Food Safety Modernization Act (FSMA) Produce Safety Rule and food safety. The PSA Grower Training Course is one way to satisfy the FSMA Produce Safety Rule requirement that 'At least one supervisor or responsible party for your farm must have successfully completed food safety training'. Registration is required. Registration Fees: \$20 in-state attendees / \$100 out-of-state attendees.
Remote via Zoom
Contact: Brooke Horton
803-351-1244 • bhorton@scda.sc.gov
bit.ly/SCpsrRemoteAug2022



SCDA State Farmers Markets

SOUTH CAROLINA
STATE FARMERS MARKET

3483 Charleston Highway
West Columbia, SC 29172
803-737-4664

GREENVILLE
STATE FARMERS MARKET

1354 Rutherford Road
Greenville, SC 29609
864-244-4023

PEE DEE
STATE FARMERS MARKET

2513 W. Lucas Street
Florence, SC 29501
843-665-5154

VISIT
AGRICULTURE.SC.GOV

Click on the State Farmers Markets
button for more information about
each location

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803-737-5900

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Only ads pertaining to the production of agricultural products and related items are published. Ads are accepted for South Carolina items, even if the seller lives out of state, provided the item is in state at the time the ad is published and at the time of sale.
Ads are published free of charge and in good faith. The Market Bulletin reserves the right to edit and verify ads but assumes no responsibility for their content.
Ads cannot be accepted from agents, dealers, or commercial businesses, including real estate. Sealed bids, legal notices, or consignment sales are not accepted.

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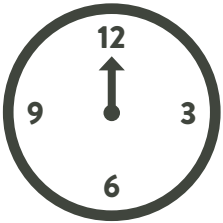
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- **Mail:** SC Market Bulletin, PO Box 11280, Columbia, SC 29211. You must use 8.5 × 11 inch paper.
- **Email:** Send ads to marketbulletin@scda.sc.gov. Put the words "Market Bulletin ad" in the subject line.
- **Fax:** 803-734-0659

The deadline for submitting ads and notices is noon on Tuesday of the week **before** the publication date.

NEXT AD DEADLINE
AUGUST 23 • 12:00 PM

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REMINDER TO ADVERTISERS

Ads are due by noon (12 pm) on the Tuesday after the latest published issue. Any ads received after the deadline will be considered for a subsequent issue.

AQUACULTURE

BLUEGILL 50¢; Catfish, 75¢; Carp, \$12; F1 Tiger Bass, \$4; Lrgmth Bass, \$2; Minnows, \$20/lb; p-up/del Derek Long Newberry 803-944-3058	STERILE CARP \$12 ea; LM Bass, \$75/50; BG, \$55/100; SC & RB, \$65/100; Ch Cats, \$60/100; Tilapia, \$95/100 Clay Chappell Richland 803-776-4923	BLUEGILL/REDEAR BREAM 50¢-\$3; Shad, \$1-\$5; Crappie, \$1-\$3; Catfish, \$1-\$3 Cannon Taylor Newberry 803-276-0853
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CATTLE

15 M/O PB BULLS Blk Brang & Ultra Blk, calving ease, \$1850+ Daniel Chassereau Bamberg 803-267-4880	18 M/O REG ANG BULL was at Edisto test, calving ease, high maternal, docile, excel b/lines, 20021453, \$2000 Al Harman Lexington 803-210-5529	FB RED POLL YRLG BULLS open & bred hefrs, cow/calf prs, \$1800-2500; older proven reg bull, \$3000 J Wyatt Marlboro 803-651-3086	3 Y/O POLL HRFRD BULL from reg stock, easy calving w/calves on the ground you can view, \$2500 Terry Gibert Greenwood 864-993-4212	BLK ANG BULLS PB, 2+ y/o, fat & ready for serv, \$2300+ Mike Johnson Newberry 864-923-0750	REG ANG SimAng, & Ultrablk bulls, all EPDs avail & fertility tested, \$3500+ Kevin Yon Saluda 803-622-8597
RED ANG BULL 18 m/o, \$900; Blk Ang/Char bull, 19 m/o, \$900; 2 BlkAng hefrs, 7 m/o, \$700 ea Suzanne Reed Anderson 864-293-0363	BLK BALDY BULL & HEFR wht face/blk, polled & wormed, 6 m/o, \$800 Andy Gallman Newberry 803-924-5157	REG BLK ANG BULLS Top Epd, docile, \$2000-3500; hefrs & cow/calf prs, \$1200+ Bobby Baker Lancaster 803-804-2230	REG ANG BULLS low input genetics, 18-22 m/o, low BW, exc ft/muscle, all EPDs avail & fertility tested, \$3500+ Walter Shealy Newberry 803-924-1000	REG BFMSTR BULLS 2 reg bulls, 20 m/o Blk, \$1600; 15 m/o paint, \$1500; 2 PB bulls, \$1300-1500 John Steele Lancaster 803-283-7720	REG HRFRD YRLG BULLS polled, exc ped(s), ready for fall breeding, \$2000+, call/text for more info Robert Roper Laurens 864-923-2952
LIMO BULL & HEFR B-1/2021, PB, reg, \$2000 ea, can del James Langston Pickens 864-859-6794	10 M/O WEANED HEFR PB Blk Ang, weaned, wormed & vac utd, \$850; older cows, \$1200+ Gene McCarthy Edgefield 803-278-2274	ANG CROSS HEFRS ready to breed, \$650+; 1 st calf/hefr prs, EQ, comm Ang, \$2500/pr Justin Howe Newberry 803-944-1065	HRFRD BULL CALVES 6 m/o, \$750 ea Cindy Leitzsey Newberry 803-924-3635	REG BLK BFMSTR BULL 3 y/o, calving ease, docile, no longer need hefr bull, \$2500 firm Mitchell Davis Chesterfield 843-680-2090	20 REG ANG HEFRS 15-18 m/o, ready to breed/short-bred to reg Ang Bull, \$1200 ea Sam Milford Abbeville 864-378-1162
REG BLK & RED ANG open hefrs, Al bred cows, \$1500+; Bulls, \$2200+ Danny Winchester Pickens 864-637-8592	3-5 M/O ANG HEFRS wormed, vac, on feed, \$375 ea Casey McCarty Newberry 803-924-5239	REG BLK ANG BULLS 18-24 m/o, \$2250+ Marc Renwick Newberry 803-271-8691	8 M/O ANG BULL \$1100 Billy Ragsdale Jr Anderson 864-419-8275	SG/HRFRD CROSS HEFRS 21 m/o, ready to breed, \$1150 Harvey Johnson Greenwood 864-992-4461	

FARM LABOR

NOTICES ARE ACCEPTED FOR AGRICULTURAL WORK ONLY AND NOT FOR HOUSEWORK, NURSING, OR COMPANIONSHIP NEEDS.

LIGHT TRACTOR WORK incl bush hogging, discing, cut up & removal of downed trees, light landscaping John Tanner Lexington 803-422-4714	TRACTOR REPAIR & restoration, all types, 50 yr exp George Bush Lexington 803-640-1949	AGRICULTURAL FENCING serving Upstate, cattle, horse, sheep/goat, & deer, hyd post installation Taylor Chappell Abbeville 864-276-8906
FENCES INSTALLED statewide, free est Bruce Thomas Dorchester 843-636-1699	TRACTOR WORK frt end ldr, dirt blade, bush hog, chain saw trees, back hoe work w/in 20 mi David Wannamaker Calhoun 803-682-2117	RECLAIM PASTURES pond builds, demo & removal of old bldgs, land clearing, insured, free quotes, veteran owned Paul Irby Chester 803-374-3142
DOZER/TRACKHOE WORK build & repair ponds, demo, tree removal, land clearing, roads, free est James Hughes Greenwood 864-227-8257	ONSITE MOBILE WELDING & fabrication, farm & hvy equip, fences, gates, etc Garrett Stephens Greenville 828-405-2176	PASTURE MGMT SERV spray weeds, treat fire ants, fert & lime; plant pastures, Fescue, Ryegrass, Bermuda, Bahia Kenny Mullis Richland 803-331-6612
LEXCO TACK CLEANING leather bridles, saddles, harnesses & accessories, your place or mine Laurie Knapp Lexington 803-317-7613	LIME SPREADING specialize in bulk TN lime, call for est Drake Kinley Anderson 864-353-9628	

FRESH PRODUCE

PRODUCE MUST BE RAW AND NON-PROCESSED. RAW MILK, BUTTER, AND CHEESE PRODUCTS MUST BE PERMITTED BY THE SC DEPT. OF HEALTH AND ENVIRONMENTAL CONTROL. AN EGG LICENSE IS NOT REQUIRED FOR ON-FARM POINTS OF SALE.

CHICKEN EGGS farm fresh, \$3/dz, \$4/18 Rose Roof Lexington 803-315-7307	FARM FRESH EGGS \$3.50/dz Riley Morgan Lee 865-599-8132
BLUE RIBBON SUGARCANE \$65/100 stalks FC Noles Barnwell 803-383-4066	FREE RANGE EGGS brn, grn, blue, del to Marion, Dillon, Horry, Florence & Darlington Co, \$4/dz Nick Mosher Marion 912-289-5575
FIGS new crop, 1 gal, \$12 Donald Counts Newberry 803-315-1016	CHICKEN EGGS brn & wht, \$2/dz; duck & guinea eggs, \$3/dz; Pecans, in shell, \$2/lb; shelled, \$5/lb Joe Culbertson Greenwood 864-229-5254
FRESH GRN PNUTS \$55/bu, \$15/peck Ken Griffith Orangeburg 803-860-1744	

GARDEN

ADS ARE NOT ACCEPTED FROM COMMERCIAL NURSERIES, WHICH HAVE ANNUAL SALES OF \$5,000.

BLK MISSION FIG TREES Celeste Fig trees, Native Pecan trees, \$12 ea Deborah Worth Aiken 803-605-4644
GRAPE VINES \$10; Figs, Mulberry, Elderberry, Pomegranate trees, \$20; Blueberry, \$15; Blkberry, 3/\$25 FC Noles Barnwell 803-383-4066
BLUEBERRY PLANTS 3 gal, \$12 ea, no ship Larry Johnson Orangeburg 803-664-4213

GOATS / LLAMAS / SHEEP

2 BOAR CROSS BILLIES 8 m/o, gentle, \$175 ea Jane Blackwell Laurens 864-377-4606	NANNIE GOAT Nubian mix, healthy, tan & wht, horned, \$150 Brooke Shumpert Lexington 803-206-1499	¾ BOER ¾ MILK SAVANNA KIKO & Savanna Boar goats, 7 m/o, wormed & CDT shots, \$195/bucks, \$175/nanny, cash only Jim Briggs Abbeville 864-446-3235
6 M/O BOAR CROSS nannies & billies, \$150 ea Terry Gibert Greenwood 864-993-4212	BREED RAM Dorper/Katahdin Mix, 2 y/o, proven breeder, lrg, blk/wht, \$275 Tammy Hodge Sumter 803-983-5041	BORDER LEICESTER CROSS FLOCK 1 reg ram, 3 sr ewes, 2 yrlg ewes, '22 lambs, 1 ram & 3 ewes, \$3000 Theresa Chapple York 803-431-6053
15 M/O REG BOAR BUCK \$400; 5 m/o Boar buck, out of reg buck, \$225 Stanley Traylor York 803-417-4834	2 NGN DWARF BILLY GOATS 2 y/o, blk/tan, \$200; blk 1 y/o, \$100 Daniel Verdin Laurens 864-270-7251	
2 PB KIKO BUCKS 18 m/o, \$400 ea Gene Bridwell Spartanburg 864-415-4611	NZ KIKO GOATS 5 bucklings, 5-8 m/o, 2 doelings; CDT, Famacha, \$310-375 ea, reg not incl Jane Cooper Greenville 843-693-1949	GOATS 6 m/o billies, \$200 ea; 4 m/o billies, \$150 ea; nannies, \$150-\$200 ea Philip Poole Union 864-427-1589
KIKO BUCKS B-4/'22, \$200 or work out deal for multi Jonathan Hardy Richland 803-730-8551		

FARM EQUIPMENT

ADS MAY NOT BE SUBMITTED BY COMMERCIAL DEALERS. A CURRENT FARM TAG ISSUED BY THE SCDMV IS REQUIRED ON ALL FARM VEHICLES.

'17 KUBOTA BALER 4160SS, low bales, \$20,300 Jesse Allred Chesterfield 843-680-3040	JD 1010 TRICYCLE TRACTOR w/PS, \$3000 Rhonda E Mclellan Florence 843-992-1002	BEST E18 TRACTOR 2 cyl, 3ph, GC, \$3000 Jack Kay Greenville 864-419-1322	SUPER A FA CULTS sweeps, hillers, 3ph set up, \$1100 obo Perry Bishop York 803-379-0097	CASE IH 22' 335VT hyd leveling & baskets, wing gage whls, LT 500A, LN, \$50,000 Jeff Millen Chester 803-209-0893	'05 NH HAY SQ BALER mod #M575, LN, \$10,000 obo; JD bush hog mod MX7, \$4000 obo Harold Johnson Sumter 803-983-0551
6' HD SCRAPE BLADE Dirt Dog 70 series, nvr used, \$1300 Jimmy Snipes Lancaster 803-577-1169	FORD 555 LDR BACK HOE salvage parts or comp tractor, \$2000 obo Bruce Varner Berkeley 843-729-3349	'48 JD G TRACTOR \$4000; 6'W Bog, \$700 Thomas Bolton Spartanburg 864-476-2879	JD 350 HAY RAKE \$700; 2r cult, \$650 R Adams Darlington 843-393-7280	NH 488 HAYBINE 9' cut, \$1500 Clayton Leaphart Lexington 803-892-2642	LAND PRIDE GRAPPLE SGC1072, light use w/ universal quick-attach ldr mount, EC, \$2000 Layton Gwinn Aiken 803-309-9982
565 NH SQ BALER \$7500; 1033 NH sq bale stacker, \$6000; both in GRC Wes Holliday Anderson 864-940-9027	5' RODER CUTTER GC, \$350 Ralph Dalton Anderson 864-749-4729	JD DSL TRACTOR 30hp, w/turf type tires & King Cutter 5' bush hog, EC, 476 hrs, \$7500 Joe Young Pickens 864-269-4594	LIQ NITROGEN APPL/ SPRAYER 200 gal Al tank, 20' boom, PB, \$950 George McCoy Chesterfield 843-307-8866	HESSTON 8 WHL V RAKE \$3000; NH 256 side del hay rake, \$1300; both FR Gerald Bedenbaugh Newberry 803-944-5026	FORD 50 HP TRACTOR gas, ERC, FR, 90% rebuilt & many new spare parts, \$5375 Tom Kirkley Lancaster 803-246-8195
CAT D-6D DOZER \$26,500; Komatsu PC-200 track hoe, \$27,000; MF #33 grain drill, \$550 F Rowe Newberry 803-271-7768	'77 DORSEY FLATBED TRL used for sod, w/forklift mount & headache rack, new brakes, \$7500 Debbie Mauldin Edgefield 803-606-6579	LAND PRIDE RB3572 BLADE 3ph, \$1000; Pittsburg 1 btm plow, 3ph, \$500; 5 Bale Express hay hauler, \$2000 Jonathan Rivers Chesterfield 843-634-6849	5' GRADER/SCRAPE BLADE adj, 3pt, little use, \$450; older Fast Hitch disc, for FA 140 or Super A Tractor, GC, \$85,000 C Floyd Darlington 843-687-3515	IH 1020 HDR AUGER 15', \$400 Charles Nichols Saluda 864-445-8350	850 MF COMBINE 18' platform 4r corn hdr, shed kept, all manuals, parts, 454 row crop w/adptr, \$5500 David Earley Orangeburg 803-534-3689
4x5 RND BALER Vermeer Rebel 5420, shed kept, bale kicker, net/twine, monitor, hay saver whls, EC, more, \$21,000 Vernon Bonner Sumter 803-481-4225	JD 702 8 WHL RAKE \$2400; Hay Tedder, 4 head, pull-type, \$1000; all in GC Thomas Crosby Colleton 843-538-3701	7 1/2' CASE OFFSET DRAG DISC HARROW w/extra parts, \$250 Franklin Babb Chesterfield 843-320-8568	FORD 8N GC, \$2600 David Stevenson Fairfield 803-460-5425	15' JD 210 DISC \$3000; 9 shank Intl chisel plow w/gage whls, \$1500 Mike Mills Chesterfield 843-634-6542	'52 JD A restored several yrs ago, GRC, good sheet metal & paint, \$3000 Alton Morris Richland 803-240-0121
RHINO ROTARY CUTTER T-84 mod, 3ph, GC, same as used by Hwy Dept, \$3500 Stephen Gedosch Greenville 864-982-4490	'86 DSL F250 4x4, 4 spd, EC, \$8900 obo Drake Kinley Anderson 864-353-9628	JD 328 BALER ACCUMLTR & grapple, \$18,000 Jeffrey Gilmore Chesterfield 843-517-0315	FA 130 IMPLEMENTS mowing machine, cults, 2 disc plow, fast hitch planter wheel, more, \$1500 Harry McMillan Spartanburg 864-327-7369	JD 50 TRACTORS 1 restored, \$3000; 1 needs work, \$1600 Billy Gallman Newberry 803-276-7171	RND BALER '21 Kubota BV4160, net only, 182 bales on monitor, \$29,500; '21 Frontier 8 whl rake, \$4500 Gerald Hutto Lexington 803-568-3181
'16-17 JD CAB 5065E w/H240 4 way ldr, more, \$43,000; Frtr Tiller RT 1173, \$3200; 8' harrow, \$800; Bush Hog 6' sqlr, \$700 Lisa DuBose Saluda 803-606-5454	B&A 25'x8' GN TRL 25' incl a 5' leveling dovetail, \$4100; 16'x6 1/2 BP trl, 2 axles, \$1400 Gilbert Webber Newberry 803-924-0391	FRONTIER SS2036B SPRDR \$800; 6' Landscape rake, \$400; 6' box blade, \$500; all 3ph Jimmie Holliday Berkeley 321-446-0319	15' BAT WING WC, \$3500 Ronald Scoggins York 803-927-7506	FA SUPER M TRACTOR 3ph, VGC, \$2500 Melvin McCoy Anderson 864-338-1455	JD 4400 DSL COMBINE w/duals, 444 corn, 913 platform heads, shed kept, \$10,000 Richard Rhode Dorchester 843-563-1411
MF 1080 \$9500; JD 4720 4wd ldr, \$32,000; Cat D7F, \$35,000; MF 1105, \$15,000; JD 3020, \$10,000 Ronald McGraw Lancaster 980-255-8584	JD 2030 TRACTOR new eng, fuel pump, injectors, \$7500 Olin Butts Oconee 864-903-1810	JD 328 SQ BALER EWC, hyd hitch, \$12,000 Andrew Rice Allendale 803-686-1208	JD 6620 TURBO COMBINE 444 corn hdr, 915 Flex grain hdr, \$8000 obo Otto Williamson Williamsburg 843-372-2692	300 GAL SPRYR pull type w/20' boom, GC, \$2000 obo Ronny Wilson Anderson 864-356-6959	
	2 AC WD45 TRACTORS sold together, 1 could run, 1 for parts, \$2100 obo Charlie Jameson Sumter 803-622-7453		WOODS 6' FINISH MWR rear discharge, PRD7200, 3 1/2 y/o, GC, can send photos, \$2000 Eddie Chalker Aiken 803-221-6090	JD 2020 dsl, \$7500; 10'6" JD 285, \$6500; JD 335 baler, \$8500; JD 702 8 whl rake, \$4000 Ronnie Judy Dorchester 843-701-6394	

HAY & GRAIN

4x5 RND RYE OR OAT STRAW \$40, del w/in 40 mi for fee Billy Johnson Aiken 803-258-3988	'22 NET WRAP CB in field, \$45; under shed, \$50, near Ehrhardt Josiah Williams Bamberg 843-693-1970	'22 RYE STRAW precut, bright yellow, \$6/bale Edward Berger Dorchester 843-832-9233	4x4 COW HAY baled dry, net wrap, stored on hay bed, \$35 Lewis Cadwallader Greenville 864-991-9288	COMBINE RUN OATS \$50/55 gal barrel, in your barrels Mike Armstrong Greenville 864-630-6174	'22 SQ CB fert/limed, baled w/o rain, HQ, good for all livestock, no del, \$8/bale Louise Pollans Orangeburg 803-533-1763
'22 4x5 SPRING HAY \$25/bale; summer hay, \$20/bale Mary Riddle Saluda 803-727-5844	22' COMBINE RUN OATS \$12/bag; Oat straw, \$6/bale; Coastal hay, \$11/bale Victor Smith Berkeley 843-688-5353	'22 HQ 4x5 CB net wrap, fresh cut & baled, \$70 ea, free local del on 10+ bls, in the Pelion, Swansea area Terry King Lexington 803-381-6177	WHEAT STRAW 4x5 net wrap, \$40 ea Richard Knight Kershaw 803-427-6440	4x5 NET WRAP CB \$70 ea; Rye straw, '21/\$5 ea; '22/\$6 ea, all shed kept Howard McCartha Lexington 803-312-3316	'22 WHEAT \$60/55 gal drum; '22 oats, \$45/55 gal drum; sq rye straw, \$4/bale Jeffrey Gilmore Chesterfield 843-517-0315
'22 OATS combine run, \$50/55 gal drum, your drum Tom Fink Lexington 803-622-4678	'22 SQ FESCUE NR, in barn, \$6 ea Jerry Butler Laurens 864-697-6343	5x4 RND HQ COASTAL no litter used, well fertilized \$65/in field, increase at barn George McCoy Chesterfield 843-307-8866	'21 SD ALFALFA dairy qual, 3x4x8, 1600 lbs, \$380 ea, cash sales Chris Roux Cherokee 864-906-5471	SQ WHEAT STRAW \$5/bale Jason Nichols Saluda 864-992-2753	'22 4x5 RND net wrap, \$42 or \$47 to del up to 25 mi Suzanne Reed Anderson 864-293-0363
'22 4x5 OAT HAY barn kept, \$60/bale Rodney Lowe Abbeville 864-844-3878	'22 HQ SQ CB shed kept, \$7.50 each, del avail for fee Nathan Oswald Lexington 803-317-3090	'22 HQ RND CB \$70; rnd cq, \$55; hq sq, \$8, all shed kept Eddie Phillips Sumter 803-486-0081		'22 4x5 NET WRAP Wheat & Rye Grass, \$45; Oat, \$50 Charles Nichols Saluda 864-445-8350	

HOGS / PIGS

PIGLETS Kunekune Duroc mix, B-5/27, gilts, \$125 ea, text for photos Paige Hicks Aiken 803-645-3933	PIGS ¾ Kune Kune ¼ Pot belly cross, 2 boars, 1 gilt, \$100 ea Derick Knight Cherokee 864-490-4582	FB BERKSHIRE & CROSS PIGS cut males & females, \$150 ea Jason Painter Spartanburg 864-641-9855	YORKSHIRE PIGS \$85-150, depending on size Robert Turner Orangeburg 803-596-6463	FEEDER PIGS lrg Blk/English Spot, \$100 ea Tammy Jolly Lexington 803-760-3861	ADS MUST BE ACCOMPANIED BY A CURRENT SEED LAB TEST.
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RABBITS

LA COTTONTAILS \$10 Duman Wicker Newberry 803-537-7222	MO COTTON TAILS \$14 ea Steve Ard Aiken 803-603-0642	LA COTTONTAILS/MS CANE CUTTER \$10 ea Danny Cook Newberry 803-924-6953	REX yng, \$15 & \$20 ea; grown bucks, \$20 ea Philip Poole Union 864-427-1589	CAROLINA COTTONTAILS \$9 ea Tim Vallentine Orangeburg 803-596-3598	
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MISCELLANEOUS

POWERHOUSE GEN PH2100 \$230; 5 gal buckets w/lids, \$1.85; Budd alum whls, 11×24.5, \$95 F Rowe Newberry 803-271-7768	WESTERN SADDLE 16" seat w/bridle, stand & cover, EC, \$98; old hand saws, \$5 ea; Husqvarna gas blower, \$55 Joe Young Pickens 864-269-4594	ELEC FENCE SUPPLIES 3 controllers, 175 insulators, wire, posts, etc, \$50 obo James Frye Charleston 843-408-5851	20 GAL OIL LESS AIR COMP \$150; JD hyd cylnder, needs hoses, \$400 Bobby Dennis Newberry 803-924-2118	TIRES & WHEELS for JD 5100M tractor, new, in crates, frt: 320/85R24, rear 460/85R30, \$6900 obo Mel Graham Chester 704-552-5338	GY 19.5-24" TIRES 10 ply, new, \$850; 14.9-28 w/rims, \$650; 18.4×42" all terrain Firestones, \$1800 ea Ronnie Judy Dorchester 843-701-6394
BEE HIVES \$350 ea Nathan McDaniel Saluda 864-341-6710	RND CEDAR POSTS cut to var sizes, 4-10"D, \$6-12 ea, depend on size; cut 4×4's, \$2/bdft Douglass Britt McCormick 864-391-3334	TOP SOIL/FILL DIRT \$2/yd, you load/haul for lrg amt R Adams Darlington 843-393-7280	SAWMILL '22 Woodlander HM 130 Max, 30"×16'11" cut, 20 blades, toe boards & log loading kit, \$11,300 Gerald Hutto Lexington 803-568-3181	16×9.38 TRACTOR TIRE 8-ply rating bkt, new, \$675 Edward Klugh Greenwood 864-374-3162	MEAT CUBERS Hobart 403, \$1000+ Lamar Snipes Lexington 803-465-6094
POULTRY MANURE \$520/45cf load, del avail, \$5/mile Marc Marsh Chesterfield 843-862-8873	POLLY PLANTER JR plant on plastic or bare ground, heads for diff spacing, sev seed plates, \$500 obo George E Hutson Barnwell 803-671-0044	SAND CLAY & TOPSOIL 5 ton load, \$60/sand clay; \$85/topsoil, del w/in 20 mi; rock or sand, \$1.50/mi del David Wannamaker Calhoun 803-682-2117	NEW REAR TRACTOR TIRE 11.2×36 Titan, \$425; 11×38" tractor rim, GC, \$100; used 11×36" tube, GC, \$40 Duane Weber Orangeburg 843-817-1120	RADIATOR for 1H 715 combine, \$300 Jason Nichols Saluda 864-992-2753	USED TRACTOR TIRES for veg/flower bed/water troughs, \$20; 5 gal buckets w/lids, \$2 Billy Gallman Newberry 803-276-7171
GREENHOUSE SAFETY GLASS 21 sheets, \$190 ea Jim Hammett Spartanburg 864-357-1859	CARPENTER BEES TRAPS to catch & dispose of them, sold in lots of 5, \$85 William Timmerman Aiken 803-640-6265	6'-25'L1×6" CEDAR LUMBER cedar posts & utility poles, \$1-2.50/ft James Burns Laurens 864-918-6308	55 GAL FG DRUMS metal & plastic, open tops, lids & rings, \$15, \$20, \$25 ea; 275 gal port tow tanks, \$50 ea Philip Poole Union 864-427-1589	NH ROLABAR RAKE TEETH NH part #64562, steel, fits 256, 258, 259, 260, 55, 56, 57, qty 56, \$50 for all Samuel Phillips Greenwood 864-361-9997	BALING TWINE sisal twine, 4 boxes, \$20/box Jackie Rogers Spartanburg 864-381-5971
'19 KUBOTA DSL ZERO TURN LN, only 50 hrs, mod ZD 1011, comm mod, cash only, \$11,950 Jerry Comeaux Spartanburg 864-992-3869	WELDED WIRE 70'48"×½"×1", 16 ga, new, \$75 Jimmie Holliday Berkeley 321-446-0319	DSL WELDER/GEN AC/DC, Miller Bobcat 250D, low hrs, 50' of leads, \$6500 Stanley Taylor Chester 803-789-5236	2 RAM 1500 TIRES on rim, 265R70 AT 50% tread, \$150 Tom Kirkley Lancaster 803-246-8195	SD LEE ARC STABILIZER universal, high frequency w/alum & steel rods for welder, \$300 Mike Mills Chesterfield 843-634-6542	(2) 25' I BEAMS 24"W ¾ thick web, \$2000; Ford Industrial eng, for irrig pump, sawmill, etc, \$1800 obo Otis Hembree Spartanburg 864-316-1222
2 TIRES & RIMS 18.4×30, fits JD 5000 & 6000 series tractors, \$1000 Mike Armstrong Greenville 864-630-6174	COTTON/CORN BASKETS lrg splint oak, \$75 ea; old hay rake seat, mule drawn, \$40 R Long Newberry 803-924-9039	OLD COMP FARM BELL old, #3/\$350; XL farm bell, w/wheel, comp, \$1200; #20 hash pots, \$200 ea; #15, \$150; more Perry Masters Greenville 864-561-4792	RADIATOR for JD 6620 combine, \$300 Otto Williamson Williamsburg 843-372-2692	CEDAR MULCH \$50/p-up load; rnd 7' cedar fence posts, \$3 ea; cedar poles, \$5 ea/8', \$7 ea/10' & \$9 ea/12' Andy Morris Newberry 803-276-2670	ORGANIC WORM CASTINGS FERT 30 lb bags-\$20, discounts for bulk or wholesale orders Maryann Little Lexington 803-530-9219

PLANTS & FLOWERS

ADS ARE NOT ACCEPTED FROM COMMERCIAL NURSERIES, WHICH ARE DEFINED AS HAVING ANNUAL SALES OF \$5,000.

LIME-LIKE HYDRANGEAS Camellias, Iron plants, Crepe Myrtles, \$20; 1 gal Azaleas, Tea Olives, Bxwds, Gardenias, \$5 FC Noles Barnwell 803-383-4066	MONKEY GRASS aka Liriope, Hosta, \$4 ea; Iris, Daylily, \$5 ea; Hydrangea, Gardenia, \$10 ea Woody Ellenburg Pickens 864-855-2565	ARBORVITAE CUTTINGS emerald green, 2½ y/o, in 2½ gal pots, photos avail, \$20 ea Jimmy Broome Union 864-441-8842	HOSTA \$5 ea; 2 gal Confederate Rose, \$5 ea, no ship Larry Johnson Orangeburg 803-664-4213	ASST 3 Y/O CAMELLIAS in 1 gal pots, \$15 Danny Hege Barnwell 803-793-4187	BLK WALNUT TREES 3-10', \$5-20 Charles Anderson Anderson 864-352-6275
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POULTRY

PIGEONS Lahores, Mookies, \$10 ea James Malphrus Dorchester 843-821-8172	NARRAGANSETT CHICKS (4) 7 w/o, (12) 1 w/o, \$20 ea Bobby Wilson Lexington 803-298-4835	EASTERN WILD TURKEYS 15 m/o hens, \$100 ea; Peacock hen, 16 m/o, \$150 ea Brad Brewington Laurens 864-833-1001	PULLETS Buff, RIR, Barred Rock, 10 w/o, \$9 ea Shane Sease Bamberg 803-824-9124	GUINEA FOWL Pearl, purple, lav, blue, choco, buff, pieds & more colors, \$7+, straight run only Mary-Jane Vivas Edgefield 803-480-1574	1ST YR LAYING HENS chicks, peachicks, turkeys, guinea keets, many breeds & ages avail, \$5+ ea Riley Morgan Lee 865-599-8132
BUFF ORPINGTON Blk Australorp pullets, should lay in about 60 days, \$30 ea Robert Turner Orangeburg 803-596-6463	2INDIGO BLUE PEACHICKS 3 w/o, incubator hatched, \$80 for both Barbara Long Lexington 803-920-3421	PHEASANTS wht eared pr & 3 hens, \$1200; brn eared trio, \$650; blue eared pr, \$275; Tragopan pr, \$550; more Claude Hipp Cherokee 864-592-0800	WHT LEGHORN PULLETS 5 m/o, \$12 ea; RIR roos, big Araucana, red & grey Jungle fowl, bantams, \$7-12 ea Joe Culbertson Greenwood 864-229-5254	SILKIE CHICKS all ages; Showgirl Silkies, all straight run, \$8 ea Emily Nordby Lexington 803-319-2244	2 PLYMOUTH BARRED ROCK ROOS 20 w/o, \$15 ea Andy Brady Calhoun 803-655-5749
STD TURKEYS 2 y/o pr, \$100 Chris Bishop Union 864-572-9847	SWEATER STAGS 4 m/o, \$25 ea Russell Goings Union 864-426-2309	DIAMOND DOVES Red Chukars, Wht Fantail pigeons, \$20 ea; Call ducks, \$25 ea; Pomeranian goose, \$75 HT Austin Orangeburg 803-308-1203	BREEDERS Silvers, Lady Amherst, Swinhoe, \$100/pr; yng Silver, 3 Snowflake, \$25/pr William Maness Anderson 864-965-8380	GUINEAS ¼ grown, \$7 ea; ½ grown, \$10 ea; Game, Warhorse, Flarry eye greys, Hatch, \$30+ Philip Poole Union 864-427-1589	4 M/O ROOS Bantam Belgian Porcelain d'Uccle, \$5 or trade for hen Bridgett Schumpert Lexington 803-796-8365
BOB WHT QUAIL hatching 6 w/o+, \$2.75+ Billy Gallman Newberry 803-276-7171	TURKEYS Bronze & Bourbon Red, \$10 ea Lance Brewington Union 864-426-1103				

WANT - FARM EQUIPMENT

12' LEVELING HARROW w/scrapers in GC Andy McDonald Abbeville 864-209-5477	CHICKEN LITTER SPRDR prefer pull type, may consider a truck Drake Kinley Anderson 864-353-9628	10-12' BWA HARROWS JD 3020, 4020, 4240, 4055 Ronnie Judy Dorchester 843-701-6394
DRAWBAR for C FA tractor Harold Wright Cherokee 864-838-4763	30.5-32 LOGGING EQUIP TIRE in GC, call or text Andrew Shealy Spartanburg 864-621-6001	KUHN GF440T TEDDER/ FLUFFER for parts Weyman Cochran Oconee 770-653-1139
NH 256 HAY RAKE Don Robbs Cherokee 864-490-0431	PARTS FOR AC MOD 160 TRACTOR mechanical steering gearbox, or parts tractor Tom Smith Horry 843-287-8524	FR COMBINE reasonably priced, older models ok & preferred Nick Mosher Marion 912-289-5575
ROP BAR for 3600 Ford tractor Mason Motley Richland 803-754-3224		

WANT - MISCELLANEOUS

SMALL TRACTS OF TIMBER to buy w/in 50 mi of Walterboro, pine or hdwd, no yard trees Brett Wiggins Colleton 843-631-0914	AXE & HATCHET vintage collctns, rust ok Doug Blackburn Out of State 404-702-9581	ANY SIZE WASH POTS syrup kettle, anvils, lrg coffee grinder, old lighting rod w/ balls & weathervane, more Perry Masters Greenville 864-561-4792
5V CRIMP TIN no chicken house metal, free no good farm equip w/in 20 mi David Wannamaker Calhoun 803-682-2117	40+' UTILITY POLE for installing LED lights Curtis Cooper Laurens 864-270-7619	PULPWOOD SAW TIMBER hdwd pine, all types of thinning or clear cut, pay top prices, Upstate Cos Tim Morgan Greenville 864-420-0251
FIELDS OF LONG LEAF PINE STRAW top prices paid, 15 yrs exp Trey Shull Lexington 803-318-4263	BLKSMITH ANVILS any size farm bells, wash pots & syrup kettles R Long Newberry 803-924-9039	

EACH AD MUST LIST SPECIFIC ANIMALS.

RABBITS
peacocks, turkeys, ducks,
doves, guineas, pheasants,
chickens, pigeons
Joe Culbertson
Greenwood
864-229-5254

WHT HUBBLE PIGEONS
R Adams
Darlington
843-393-7280

YNG KATAHDIN RAM
Tammy Hodge
Sumter
803-983-5041

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EQUINE INFECTIOUS ANEMIA FOUND IN THREE SC HORSES

BY CLEMSON UNIVERSITY LIVESTOCK POULTRY HEALTH

Three horses have been confirmed positive for infectious anemia (EIA), the first such infection in a South Carolina animal since a donkey in Aiken County acquired the disease in 2014, State Veterinarian Michael Neault said. The first case was in a quarter horse in Berkeley County and the two contact quarter horse cases were in Barnwell County.

The blood-borne illness does not infect humans but is potentially fatal to horses and other equine species. The virus that causes EIA is often transmitted by bloodsucking insects like biting flies but also can be introduced by infected needles or other medical, dental or tattoo equipment.

The infected Berkeley County horse has been euthanized, said Neault, who directs Clemson University's Livestock Poultry Health (LPH) regulatory agency. LPH is discussing options with the Barnwell County owners.

"This is a very serious disease," Neault said. "There is no treatment for EIA, so if an infected animal does not die from the disease it will become a lifelong EIA carrier and serve as a reservoir for the disease, putting other equines at risk. For this reason, they must be permanently isolated and quarantined or euthanized."

LPH encourages equine owners to have an annual Coggins test — a blood test that screens for EIA antibodies — performed on their horses even if the animals don't leave the farm. That is especially important if they are housed at a boarding facility, said Sean Eastman, LPH Field Services director.

State law requires a negative Coggins test any time horses cross state lines and when owners take their

horses to in-state gatherings of animals belonging to more than two horse owners — such as trail rides, horse shows or competitions. Owners should bring Coggins test documents with them when traveling with horses.

EIA is a reportable animal disease in all 50 states, meaning that positive cases must be reported by the testing laboratory to local state or federal animal health officials within two days of discovery. LPH maintains an animal reportable diseases list online at: clemson.edu/public/lph/ahp/reportable-diseases.

"All these diseases pose a significant health threat and are communicable to other animals," Neault said. "Thankfully we have effective equine vaccinations available against deadly diseases like Eastern Equine Encephalomyelitis, West Nile Virus and rabies. So it's a good idea for horse owners to plan a regular Coggins test just like they do their animals' annual vaccinations."

Clinical signs of EIA vary and it is often hard to differentiate EIA symptoms from those of other diseases. The incubation period for the disease can range from a week to 60 days or longer.

An acute case can range from fever and decreased appetite to severe anemia and sudden death. More severely affected horses may have weakness, depression and additional signs that may include jaundice, rapid breathing or heart rate, swelling of limbs, thrombocytopenia, red or purple spots on mucous membranes, bleeding from the nose or blood-stained feces. Anemia can occur, although it is more likely to be severe in chronically infected animals.

Tips from the USDA Animal and Plant Health Inspection Service to prevent infection and spread of EIA include:

- Separate symptomatic horses from others and contact your veterinarian immediately.
- Keep the area in and around your barn clean and dry to reduce the insect population.
- Apply fly sprays and insect repellants as needed.
- Only use sterile needles and licensed blood products; never reuse needles or syringes.
- Use a sterile needle each time you puncture a multi-dose medication bottle.
- Do not share surgical or dental equipment that are contaminated with blood or debris between horses.
- Allow only licensed veterinarians using blood from confirmed EIA-negative donor horses to perform blood transfusions.
- Disinfect bits and lip chains between horses.
- Clean and cover open wounds.
- Test every horse at least annually.
- Require proof of a recent negative EIA test for new horses entering the premises or when purchasing a new horse.

Clemson University Livestock Poultry Health, based in Columbia, is part of Clemson University's Public Service and Agriculture unit. Its mission is to protect animal health by controlling endemic, foreign and emerging diseases in livestock and poultry and to protect the health of South Carolina consumers by inspecting meat and poultry products to ensure they are safe, wholesome and accurately labeled.

It can be reached online at clemson.edu/lph, by mail at P.O. Box 102406, Columbia, SC 29224-2406 (500 Clemson Rd., Columbia, S.C. 29229) or by phone at 803-788-2260.

DISPOSE OF WASTE PESTICIDES AT FALL EVENTS THROUGHOUT SOUTH CAROLINA

COLUMBIA — The South Carolina Department of Agriculture (SCDA) is offering South Carolina residents the opportunity to safely dispose of outdated, unusable or unwanted pesticides.

The pesticide and chemical program is open to all private, commercial and non-commercial pesticide applicators in the state, as well as homeowners. SCDA staff will be on site to monitor pesticide collection and disposal, and will have final authority on acceptance of products.

- Additional details include:
- Quantities will be limited to 2500 pounds of solid and 300 gallons of liquid at no charge.
 - Acceptable products include herbicides, insecticides, nematicides, fungicides and similar products used in agriculture production or around the home.
 - Prohibited items include empty pesticide containers, rinsate, infectious, biological or radioactive materials, explosives, appliances,

- paint and compressed gas cylinders (metal cylinder with a valve).
- A hazardous material company will be on site to properly dispose of the materials collected.
 - Materials should be transported to the collection event in sturdy boxes with newspaper stuffed between the containers to prevent spills.
 - Leave items in the original containers.
 - Workers will be on hand to unload vehicles, and citizens will be asked to stay in the car.
 - Collection events may be cancelled due to inclement weather and will be posted on SCDA's website (agriculture.sc.gov). Possible makeup dates will be announced at a later date.

For additional information, contact SCDA's John Stokes at 803-737-9696 or jstokes@scda.sc.gov.

August 23, 2022 | Williamsburg County
Nutrien Ag Solutions
1861 Eastland Avenue, Kingstree, SC 29556
9 am – 2 pm

August 24, 2022 | Dillon County
Southern States Coop/ Little Rock Agronomy Plant
1340 Harlees Bridge Road, Little Rock, SC 29567
9 am – 2 pm

September 20, 2022 | Calhoun County
Middling Cotton Company
3401 Bridge Street, St. Matthews, SC 29135
9 am – 2 pm

September 21, 2022 | Charleston County
Carolina Eastern Outdoors
4744 SC-162, Hollywood, SC 29449
9 am – 2 pm

September 27, 2022 | Lexington County
ECOFLO
1741 Calks Ferry Road, Lexington, SC 29073
9 am – 2 pm

September 28, 2022 | York County
Metrolina Greenhouses
2121 Quarry Road, York, SC 29745
9 am – 2 pm

CLEMSON EXPERTS PREDICT WATERMELON PRODUCTION ABOUT TO GET MORE EXPENSIVE

BY DENISE ATTAWAY, CLEMSON UNIVERSITY

During the 2022 Clemson University Watermelon Field Day, growers learned overuse of tebuconazole has resulted in resistance in watermelons and other cucurbits leaving growers to rely on more expensive alternatives to treat their crops.

Tebuconazole is an ingredient found in several fungicide products and is used to treat fungal and disease problems such as gummy stem blight, leaf spots and anthracnose. It was first used in 2008 and has been applied frequently to watermelon and other cucurbit crops since that time. Now, gummy stem blight is beginning to show resistance to tebuconazole.

Clemson Research and Cooperative Extension Service vegetable pathologist Tony Keinath said he “...knew this day was coming,” adding watermelon production is about to get a little more expensive.

“One reason we’re where we are today is because tebuconazole is less costly to use and we’ve used it a lot on our watermelons,” said Keinath, who is located at Clemson’s Coastal Research and Education Center (REC). “Watermelon and other cucurbit growers should reduce the use of tebuconazole to manage gummy stem blight as the fungus has become moderately resistant to this very commonly used fungicide.”

Symptoms of gummy stem blight are large, round spots on the edges of leaves and dry cankers on main stems. Tebuconazole-resistance has been found in South Carolina and Georgia watermelon crops. Alternatives include applying mancozeb and chlorothalonil early in the season and Inspire Super and Miravis Prime later in the season. For more information, read the Clemson 2022 Watermelon Fungicide Guide. The field day was held at the Edisto REC in Blackville, South Carolina.

DISEASE AND WEED CONTROL

In addition to gummy stem blight, diseases and weeds also present problems for watermelon growers. Matthew Cutulle, Clemson weed scientist also located at the Coastal REC, addressed using anaerobic soil disinfestation (ASD) to manage soilborne diseases. This strategy was first developed in Japan in 2000 as an alternative management strategy to soil fumigation and involves applying organic matter (carbon source) to soil, followed by irrigation, to create an environment toxic to diseases, nematodes, weeds and insect pests.

Despite its positive effects on agriculture, ASD is not widely used, mainly because of high carbon-source costs. Cutulle is leading a study of researchers who plan to develop methods to identify agricultural carbon waste streams for promoting the use of ASD.

In addition to high carbon costs, using ASD in watermelon presents other challenges including maintaining proper soil health. Bhupinder Farmaha, Clemson Extension nutrient management specialist at the Edisto REC, is studying how carbon sources affect soil health to determine sustainable practices for using ASD in watermelon.

Angela Rainwater from Growers for Grace is working with the researchers to determine what carbon sources are best to use for anaerobic soil disinfestation. Chicken litter and molasses, and cotton seed meal are carbon sources used in the study. Finding new carbon sources could help growers adjust to supply chain issues and provide them with the carbon they need, she said.

MARKET BULLETIN

“We’re trying to determine what makes a good carbon source,” Rainwater said. “To do this, we’re going back to the basics and finding what is one grower’s waste is another grower’s input.”

As for weeds, Cutulle said nutsedge is a “driver weed” in watermelon. Several control measures can be used for this weed including herbicides, stale seedbed technique, solarization, polyethylene mulch system and cover crops. To find out more about Cutulle’s research, visit the Clemson College of Agriculture, Forestry and Life Sciences webpage Weed ID and Biology, bit.ly/WeedID_and_Biology.

POLLINATOR POINTS

Proper pollination is another important tool for successful watermelon production. Ben Powell, Clemson Extension Apiculture and Pollinator Program coordinator at the Pee Dee REC, said using suitable pollinators is important for cucurbits. Honey bees are not the best pollinators for watermelon.

“Honey bees are used to pollinate watermelons and other cucurbits, but they are not highly attracted to watermelon flowers,” Powell said. “To get honey bees to pollinate watermelons, growers need to control competing flowers in the field and wait to introduce the hives when the watermelon plants are actively blooming.”

Protecting pollinators is important and easy. Activities people can do to ensure pollinators are protected include planting native flowering plants to attract and benefit local pollinators, reducing mowing and allowing flowering groundcover to remain as forage for pollinators and limiting herbicide use.

For more information on pollinators and pollination contracts, growers can visit the South Carolina Beekeepers website: scstatebeekeepers.com, or the United States Department of Agriculture’s website: usda.gov/pollinators.

CLEMSON EXTENSION WEATHER NETWORK

Weather knowledge is something else that can benefit growers and lack of weather data available to South Carolina growers led to the creation of a statewide weather monitoring network. Chris Thomas, Clemson Extension state weather station technician located at the Sandhill REC, talked about the weather system.

“Clemson Extension agents and specialists realized the need for a weather monitoring network and a proposal was made to establish a statewide weather station infrastructure,” Thomas said. “The project’s goal was to establish a weather station in every county to help give real-time and historical weather data. A total of 50 stations have been installed with at least one in each of the state’s 46 counties.”

The project’s next step is to create a website to house the data. Once this website is built,

calculators will be developed to help growers and agents make better recommendations based on actual weather data. These calculators will include weather data on rainfall, growing degrees and chill hours. Clemson University will work with strategic partners such as the S.C. Department of Natural Resources Climatology Office, USDA Natural Resources Conservation Service and the South Carolina Farm Bureau to collect and utilize statewide weather data to make better predictions and recommendations.

“This will help us forecast possible disease and/or pest outbreaks,” Thomas said. “South Carolina residents will benefit if we can predict these weather-related outbreaks.”

Gilbert Miller, Clemson Extension vegetable specialist and field day coordinator, said the ability to predict weather will be beneficial for South Carolina growers.

“The way I see this working for watermelon growers is that it will help show how many heat units have accumulated over a certain period,” Miller said. “This will help growers determine when their melons may be ripe so that they can plan for harvest, which will help the growers plan for labor, equipment and so on.”

WATERMELON WINNER

In addition to educational information, field day events also included a contest for the biggest watermelon. Clemson alumnus Sidi Limehouse of Johns Island, South Carolina, garnered first place with a melon weighing 124 pounds. Limehouse credits his monster melons to the Sunn Hemp cover crop he grew on the same plot where he grew watermelons.

“I’ve been growing watermelons since I was a teenager,” said Limehouse who is now 83. “And I learn something new every year. I learned Sunn Hemp kills nematodes and provides a lot of biomass, so I thought I’d try it and it seems to have worked.”

Limehouse isn’t content winning with a 124-pound watermelon. Next year, he hopes to bring a 150-pound watermelon and then, a 200-pound watermelon the following year. In addition to growing a Sunn Hemp cover crop, Limehouse said he takes care of his melons.

“I test my soil to be sure it has the correct nutrients,” Limehouse said. “Then, if it needs fertilizer, I make sure I apply the correct amount. I also give my melons lots of water and make sure the soil has the correct amount of carbon.”

Limehouse graduated from Clemson with a degree in agricultural engineering. He started his career growing corn and soybeans on the family farm but eventually transitioned from row crops to truck farming. Today, he operates Rosebank Farms on Johns Island, South Carolina, where he produces fruits, vegetables, flowers, and herbs.



LIVING THE LEGACY: GENERATIONAL FARM THRIVES IN SOUTH CAROLINA

STORY AND PHOTOS BY SABRENN A BRYANT, STATE OUTREACH COORDINATOR, USDA-FSA

Editor's note: This story originally ran as part of the USDA's Fridays on the Farm series at farmers.gov.

A LEGACY OF FARMING

When speaking to Warren Dixon about his family's farming operation, Dixon Farms, there is unmistakable pride in his voice. And rightly so. Dixon Farms has maintained continual operation for nearly 200 years and is still going strong as the 6th generation now emerges to join the family business.

The farm is located in Aynor, South Carolina, in coastal Horry County, where Warren's great-grandfather Phil purchased it in the mid-1800s for twenty-five cents an acre. His great-grandfather was Native American, which enabled him to own land pre-Civil War. The farm was then passed down from Phil to his son Lonnie, Warren's grandfather, and then to Warren's father Rochelle. Warren, as well as his brother Greg, is now the 4th generation to own the farm, and he is joined by his son, Corey, as well as his grandson Markel. Six generations.

When asked about the farming legacy at Dixon Farms, Warren's son Corey wouldn't have it any other way. "Farming is something that I have always liked to do, following my father and grandfather, and I wanted to carry that legacy on and get my son farming too."

Originally, the farm consisted of a total of 40 acres of land in one tract, but additional land has been purchased over the years for a total of 130 acres today. And although the Dixon family owns 130 acres of land, they actually farm much more by renting additional land across the county.

"We've been in this area for a long time, and much of the land that we rent is small, minority owned farms. In the past, much of this land supported 30–40 minority families," said Warren Dixon. Currently, the family farms a total of 800 acres, their main crops being tobacco, sweet potatoes, soybean, and corn.

Farming is hard work and nearly a year-round process for the Dixons, who planted 150 acres of tobacco in 2021. Tobacco farming is an arduous process that begins in late winter as seedlings grow in the greenhouse and ends during the heat of the summer when tobacco leaves are harvested, cured and packaged for selling. Due to the precarious nature of growing tobacco, many farmers, like the Dixons, usually secure a contract prior to growing to ensure a buyer for the product. The Dixons also

planted 110 acres of sweet potatoes, which is the farm's most supported business, using local farmers markets and roadside stands to market and sell.

A LEGACY OF USDA

Aside from living a farming legacy, the Dixons also have another legacy that has been passed down—working with USDA. Warren is well versed in USDA programs and has worked with both the Farm Service Agency (FSA) and the Natural Resources Conservation Service (NRCS) to expand, improve and implement conservation practices on his farm. He began working with USDA over 40 years ago, when he obtained his first loan through

And it doesn't stop there. Both Corey and Markel have worked with Thad Williams, FSA Loan Manager, to secure loans to purchase cows in the past. Now, Corey is working with NRCS to sign up for EQIP to implement rotational grazing for 50 head of Angus cattle, as well as heavy use areas and water troughs.

"The Dixons are a hard-working family and have been a pleasure to work with over the years," said Williams. "It is not often that you get to work with four generations of one family in a career, but it does prove that strong relationships can be generational."

A LEGACY THAT ENDURES

The Dixons aren't just vested in their family farm, they are also vested in their farming community. Warren Dixon served on the South Carolina FSA State Committee for 16 years, during both the Clinton and Obama administrations. He has also been a Horry County Soil and Water Conservation District (SWCD) Commissioner since 1991.

"I have known the Dixon family my entire life, and they are wonderful farmers and even better people," stated Rusty Skipper, FSA County Executive Director for Horry County. "If Corey and Markel continue the legacy that



Corey Dixon in the tobacco field.



The future of Dixon Farms is safe in Markel's hands.



Farming is nearly a year-round process for the Dixons.

FSA to purchase a tractor in 1974 and then 13 acres of land in 1976.

Dixon worked with FSA until he was able to qualify for commercial credit. He feels it is a good program for beginning farmers. "FSA is important if you farm," said Dixon. "Without FSA many farmers would not be able to survive, especially due to the high cost of farming."

Over the years, Warren has participated in several FSA programs, including ARC/PLC, WHIP, NAP, and CFAP. He worked with NRCS to repair eroded roads on his farm through the Environmental Quality Incentives Program (EQIP). He also used EQIP and the Conservation Stewardship Program (CSP) to install GPS navigation (auto-steering) in his tractors, and more recently, the installation of cover crops, oats and rye, on 200 acres of farmland.

Mr. Rochelle and Warren have established as community leaders and farmers, I'm sure Dixon Farms will be around for years to come."

In fact, Markel hopes to follow in their footsteps by getting elected to their local FSA County Committee one day, which will help give a voice to young and beginning minority farmers in his community.

When it comes to the youngest member of this farming operation, there was never any doubt. He is a full-time farmer. Markel decided to forego college and stay on the farm full-time to gain hands-on experience and would like to pass on the farming tradition to his own family one day.

"I started working with my grandfather (Warren) on the farm as a kid and I fell in love with it," said Dixon. "I love working with my family and hope to keep this farm going for years in the future."